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JAPANESE PATENT OFFICE

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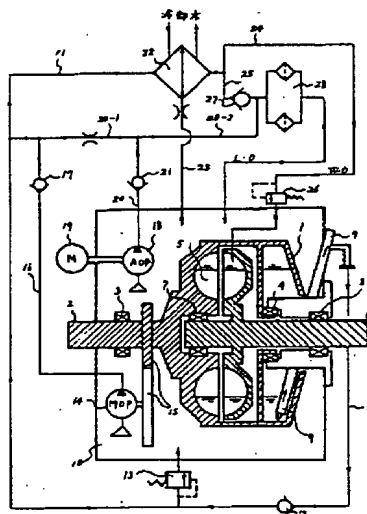
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**F16D 33/06**(21) Application number: **63128312**(22) Date of filing: **27.05.88**(71) Applicant: **HITACHI LTD**(72) Inventor: **TANAKA KENSAKU  
KAMAZAWA TOSHIYA****(54) OIL SUPPLYING SYSTEM FOR FLUID COUPLING****(57) Abstract:**

**PURPOSE:** To supply adequately cooled oil at re-start by installing a means of air breathing on an oil cooler, connecting a part of piping on the discharge side of an auxiliary oil pump with the oil cooler and other part bypassing the oil cooler.

**CONSTITUTION:** An oil supplying system is equipped with an oil tank used concurrently as a housing 10, a main oil pump 14, an auxiliary oil pump 18, an oil cooler 22, an air breather pipe 23, an operating oil channel 24 and a lubricating oil channel 25. A part of piping 20 on the discharge side of an auxiliary oil pump 18, 20-1, is connected with an oil cooler 22 while other part is connected with the lubricating oil channel 24 bypassing the oil cooler 22. This enables supplying a sufficient amount of oil, as lubricating oil, to clear the starting interlock.

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